PTO/SB/17 (12/99)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

June <u>47</u>, 2004

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## ANSMITTAL for FY 2003

Patent fees are subject to annual revision, Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 AND 1.28

(\$) 210.00

TOTAL AMOUNT OF PAYMENT

Complete if Known							
Application Number	10/017,701						
Filing Date	December 14, 2001						
First Named Inventor	Li-Wen Chen RECEIVED						
Examiner Name	Cindy Nguyen  JUL 1 4 2004						
Group/Art Unit	2171						
Attorney Docket No.	52719-00036 Technology Center 210						

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Deposit   Name   Payment   Enclosed:   1051   130   2051   65   Surcharge - late filling fee or oath   1052   50   2052   25   Surcharge - late filling fee or oath   1053   130   130   13	Throughout the pendency of this application, please charge								
Code							Fee Paid		
Deposit   Number   Surcharge   late filing fee or oath	fees, and credit all overpayments to. A duplicate of this sheet								
Account	is enclosed.	Code	(\$)	Code	(9)				
Deposit   Sumain	Account	1051	130	2051	65	Surcharge – late filing fee	e or oath		
	Number	1052	50	2052	25		nal filing fee	e or	
Check	Account	1053	130	1053	130	Non-English specification			
Check		1812	2,520	1812	2,520	For filing a request for re-	examination	1	
3. Applicant(s) is entitled to small entity status.  See 37 CFR 1.27.  FEE CALCULATION  1252 420 2252 210 Extension for reply within first month  210  1253 950 2253 475 Extension for reply within second month  1254 1.480 2254 740 Extension for reply within first month  1255 1.005 Extension for reply within third month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2255 1005 Extension for reply within first month  1250 1.255 2010 2.255 1005 Extension for reply within first month  1250 1.255 2010 2.255 1005 Extension for reply within first month  1250 1.255 2010 2.255 1005 Extension for reply within first month  1250 1.255 2010 2.255 1005 Extension for reply within first month  1250 1.255 2010 2.255 1005 Extension for reply within first month  1250 1.255 2010 2.255 1005 Extension for reply within first month  1250 1.255 2010 2.255 1005 Extension for reply within first month  1250 1.255 2010 2.255 1005 Extension for reply within first month  1250 1.255 2010 2.255 1005 Extension for reply within first month  1250 1.255 2010 2.255 1005 Extension for reply within first month	2. X Payment Enclosed:	1804	920°	1804	920*				
See 37 CFR 1.27.		1805	1,840*	1805	1,84 <b>0</b> °				
1. BASIC FILING FEE   1253   950   2253   475   Extension for reply within fourth month   1256   1257   1258   1259   1	- түрилин (о) на англага англага англага а	1251	110	2251	55	Extension for reply within	first month	,	
1. BASIC FILING FEE	See 37 CFR 1.27.								
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Pee   Fee	1. BASIC FILING FEE	1253	950	2253	475	Extension for reply within	third month	n [	
Code   (\$)   Code   (\$)   Code   (\$)   Fee Paid		1254	1,480	2254	740	Extension for reply within	fourth mon	ıth	
1001   770   2001   385   Utility filing fee   1401   330   2401   165   Notice of Appeal   1402   330   2402   165   Filing a brief in support of an appeal   1403   320   2402   165   Filing a brief in support of an appeal   1403   290   2403   145   Request for oral hearing   1451   1,510   1451   1,5		1255	2010	2255	1005	Extension for reply within	i fifth month		
1002   340   2002   170   Design filing fee   1402   330   2402   165   Filing a brief in support of an appeal   1402   330   2403   145   Request for oral hearing   1451   1,510   1451   1,510   1451   1,510   Petition to institute a public use proceeding   1452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unintentional   1452   1330   2453   665   Petition to revive – unintentional   1452   1330   2452   240   Petition to revive – unintentional   1452   1330   2452   240   2453   2453   2453   2452   2453   2453   2453   2452   2453   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453   2452   2453			330	2401	165	Notice of Appeal			
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1004   770   2004   385   Reissue filing fee   1451   1,510   1451   1,510   1451   1,510   Petition to institute a public use proceeding   1452   110   2452   55   Petition to revive – unavoidable fee   1451   1,510   1451   1,510   1451   1,510   Petition to revive – unavoidable fee   1452   110   2452   55   Petition to revive – unavoidable fee   1453   1330   2453   665   Petition to revive – unintentional   1453   1330   2453   665   Petition to revive – unintentional   1501   1330   2501   665   Utility issue fee (or reissue)   1502   480   2502   240   Design issue fee   1503   640   2503   320   Plant issue fee   1450   1300   1460   130   1460   130   Petitions to the Commissioner   1450   1450   130   1460   130   Petitions related to provisional applications   1450   14			290						
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Highest   Extra   Paid Claims   Claims   Paid Claims   P	SUBTOTAL (1) (\$) 0.00	1453	1330	2453	665	Petition to revive - uninte	entional		
Paid Claims   Claim	2. EXTRA CLAIM FEES	1501	1330	2501	665	Utility issue fee (or reissu	ie)		
Total Claims Independent Claims Independent Claims Independent Claims Independent Claims Independent I		1502	480	2502	240	Design issue fee			
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Multiple Dependent = 0 1807 50 1807 50 Petitions related to provisional applications  **or number previously paid, if greater; For Reissues, see below Large Entity Fee Fee Fee Fee Fee Fee Fee Oescription  1202 18 2202 9 Claims in excess of 20  1201 86 2201 43 Independent claims in excess of 3  1203 290 2203 145 Multiple dependent claims over original patent  1205 18 2205 9 **Reissue independent claims over original patent  1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBMITTED BY  Name (Print/Type) PAUL A DUBOIK  1807 50 1807 50 Petitions related to provisional applications 1808 180 1806 180 Submission of information Disclosure Stmt  1806 180 1806 180 Submission of information Disclosure Stmt  1802 1 40 8021 40 Recording each patent assignment per property (times number of properties)  1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))  Other fee (specify)  Other fee (specify)  Other fee (specify)  SUBMITTED BY  Name (Print/Type) PAUL A DUBOIK  Feestration No. (Altoney/Agent) 37,819  Telephone (408) 988-1898	Independent A 43 00 = 0	1460	130	1460	130	Petitions to the Commissioner			
**Or number previously paid, if greater; For Reissues, see below Large Entity Small Entity Fee Fee Fee Fee Fee Fee Pee Code (\$) Code (\$)  1202 18 2202 9 Claims in excess of 20  1201 86 2201 43 Independent claims in excess of 3  1203 290 2203 145 Multiple dependent claims over original patent  1205 18 2205 9 **Reissue claims in excess of 20  SUBTOTAL (2) (\$)0  *Reduced by Basic Filling Fee Paid SUBTOTAL (3) (\$) 210.00  *Registation No. (Altorney/Agent) 37,819  Telephone (408) 988-1898		1807	50	1807	50				
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Code (\$) Code (\$) Properties property (times number of properties)  1202 18 2202 9 Claims in excess of 20  1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))  1201 86 2201 43 Independent claims in excess of 30  1203 290 2203 145 Multiple dependent claims over original patent  1204 86 2204 43 "Reissue independent claims over original patent  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$)0 "Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 210.00  SUBMITTED BY  Name (Print/Type) PAUL A. DURNIK  Registration No. (Altioney/Agent) 37,819 Telephone (408) 988-1898	Large Entity Small Entity								
1202   18   2202   9   Claims in excess of 20   1809   770   2809   385   Filing a submission after final rejection (37 CFR § 1.129(a))   1201   86   2201   43   Independent claims in excess of 3   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   Filing a submission after final rejection (37 CFR § 1.129(a))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1810   770   780	Code (\$) Code (\$)	002	40	0021	40				
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over original patent  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent "Other fee (specify)  SUBTOTAL (2) (\$)0 "Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 210.00  SUBMITTED BY  Name (Print/Type) PAUL A. DUROTK (Altomey/Agent) 37,819 Telephone (408) 988-1898									
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SUBMITTED BY  Name (Print/Type) PAUL A. DURSOIK  Registration No. (Altionney/Agent) 37,819  Telephone (408) 988-1898	1205 18 2205 9 **Reissue claims in excess of 20	Other fee (specify)							
SUBMITTED BY  Name (Print/Type) PAUL A. DURSOIK  Registration No. (Altionney/Agent) 37,819  Telephone (408) 988-1898	SUBTOTAL (2) (\$)0	*Redu	ced by B	asic Fili	ng Fee f	Paid SUBTOTAL (	3)	(\$) 210.00	
Name (Print/Type) PAUL A. DUROIK Pegistration No. (Altorney/Agent) 37,819 Telephone (408) 988-1898									
	Name (Print/Type) PAUL A.DUROIK A.O. Registration No. 37 819 Telephone (ADS) 088-1808								
	Signature C	<del>/</del> -		-utomey/A	en)   J			June <u>29,</u> 2004	

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Docket No.: 52719-00036

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REPLY UNDER 37 C.F.R. §1.111

In re application of:

Confirmation No.: 5723

Li-Wen Chen, et al.

Group Art Unit No.: 2171

Serial No.: 10/017,701

Examiner: NGUYEN, Cindy

Filed: December 14, 2001

For:

SPATIAL INTELLIGENCE SYSTEM AND

**METHOD** 

RECEIVED

JUL 1 4 2004

Technology Center 2100

Commissioner for Patents Mail Stop AMENDMENT P. O. Box 1450 Alexandria, VA 22313-1450

## **REPLY TO OFFICE ACTION**

Sir:

This is in response to the Office Action mailed January 30, 2004, the shortened statutory period for which runs until April 30, 2004, which is extended to June 30, 2004 by a (2) month Petition for Extension of Time. Please revise the subject application as indicated below.

Specification Amendments, Claim Amendments, and Remarks are presented on separate sheets as indicated below:

- Amendments to the Specification begin at page 2.
- · Amendments to the Claims begin at page 4.
- Remarks begin at page 11.